

Rogaine®

TOPICAL SOLUTION minoxidil 2%

INDICATIONS AND USAGE

Male pattern baldness (alopecia androgenetica) of the vertex of the scalp. No effect has been seen on frontal baldness. At least four months of treatment are generally required before evidence of hair growth can be expected; further growth continues through one year. The new growth is not permanent; cessation of treatment will lead to its loss in a few months.

CONTRAINDICATIONS

Hypersensitivity to minoxidil, propylene glycol or ethanol.

WARNINGS

1. *Need for normal scalp:* Before starting treatment, make sure that the patient has a normal, healthy scalp. Local abrasion or dermatitis may increase absorption and hence the risk of side effects.

2. *Potential adverse effects:* Although extensive use of topical minoxidil has not revealed evidence that enough minoxidil is absorbed to have systemic effects, greater absorption due to misuse, individual variability or unusual sensitivity could, at least theoretically, produce a systemic effect.

Experience with oral minoxidil has shown the following major cardiovascular effects (Review the package insert for LONITEN® Tablets for details):

- salt and water retention, generalized and local edema
- pericardial effusion, pericarditis, tamponade
- tachycardia

— increased incidence of angina or new onset of angina

Patients with underlying heart disease, including coronary artery disease and congestive heart failure, would be at particular risk of these potential effects. Additive effects could also emerge in patients being treated for hypertension.

Potential patients should have a history and physical, should be advised of potential risks and a risk/benefit decision should be made. Heart patients should realize that adverse effects may be especially serious. Alert patients to the possibility of tachycardia and fluid retention, and monitor for increased heart rate, weight gain or other systemic effects.

PRECAUTIONS

General Precautions: Monitor patients one month after starting ROGAINE and at least every six months afterward. Discontinue ROGAINE if systemic effects occur. The alcohol base will burn and irritate the eye. If ROGAINE reaches sensitive surfaces (eg, eye, abraded skin and mucous membranes) bathe with copious cool water.

Avoid inhaling the spray.

Do not use in conjunction with other topical agents such as corticosteroids, retinoids and petrolatum or agents that enhance percutaneous absorption. ROGAINE is for topical use only. Each mL contains 20 mg minoxidil and accidental ingestion could cause adverse systemic effects.

Decreased integrity of the epidermal barrier caused by inflammation or disease of the skin, eg, excoriations, psoriasis or severe sunburn, may increase minoxidil absorption.

Patient Information: A patient information leaflet is included with each package and in the full product information.

Drug Interactions: No drug interactions are known. Theoretically, absorbed minoxidil may potentiate orthostatic hypotension in patients taking guanethidine.

Carcinogenesis, Mutagenesis and Impairment of Fertility: No carcinogenicity was found with topical application. Oral administration may be associated with an increased incidence of malignant lymphomas in female mice and hepatic nodules in male mice. In rats, there was a dose-dependent reduction in conception rate.

Pregnancy Category C: ROGAINE should not be used by pregnant women.

Labor and Delivery: The effects are not known.

Nursing Mothers: ROGAINE should not be administered.

Pediatric Use: Safety and effectiveness have not been established under age 18.

ADVERSE REACTIONS

ROGAINE was used by 3510 patients in placebo-controlled trials. Except for dermatologic events, no individual reaction or reactions grouped by body systems appeared to be increased in the minoxidil-treated patients.

Respiratory (bronchitis, upper respiratory infection, sinusitis) 5.95%; **Dermatologic** (irritant or allergic contact dermatitis) 5.27%; **Gastrointestinal** (diarrhea, nausea, vomiting) 3.42%; **Neurology** (headache, dizziness, faintness, light-headedness) 2.56%; **Musculoskeletal** (fractures, back pain, tendinitis) 2.17%; **Cardiovascular** (edema, chest pain, blood pressure increases/decreases, palpitation, pulse rate increases/decreases) 1.28%; **Allergy** (non-specific allergic reactions, hives, allergic rhinitis, facial swelling and sensitivity) 1.03%; **Special Senses** (conjunctivitis, ear infections, vertigo) 0.94%; **Metabolic-Nutritional** (edema, weight gain) 0.60%; **Urinary Tract** (urinary tract infections, renal calculi, urethritis) 0.46%; **Genital Tract** (prostatitis, epididymitis) 0.46%; **Psychiatric** (anxiety, depression, fatigue) 0.28%; **Hematology** (lymphadenopathy, thrombocytopenia) 0.23%; **Endocrine** 0.09%.

Patients have been followed for up to 5 years and there has been no change in incidence or severity of reported reactions. Additional events reported since marketing include: eczema, hypertrichosis, local erythema, pruritus, dry skin/scalp flaking, sexual dysfunction, visual disturbances including decreased visual acuity, exacerbation of hair loss, alopecia.

DOSE AND ADMINISTRATION

Hair and scalp should be dry before application. 1 mL should be applied to the total affected areas twice daily. Total daily dose should not exceed 2 mL. If the fingertips are used to facilitate drug application, wash the hands afterwards.

HOW SUPPLIED

60 mL bottle with multiple applicators NDC 0009-3367-05

Caution: Federal law prohibits dispensing without a prescription.

B-1-S

Upjohn

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SUBMITTING MANUSCRIPTS

Manuscripts for consideration should be sent to the editor, Linda Hawes Clever, MD, PO Box 7602, San Francisco, CA 94120-7602; overnight mail, 221 Main St, San Francisco, CA 94105.

"Instructions for Authors"—A complete guide to manuscript submission and WJM style appears

in most issues. Manuscripts may be prepared in accordance with the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals" (*Annals of Internal Medicine*, Feb 1988; *The Medical Journal of Australia*, Feb 1988).

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Continuing Medical Education

ALASKA • ARIZONA • CALIFORNIA, HAWAII, NEVADA • COLORADO • IDAHO • NEW MEXICO • UTAH • WASHINGTON • WYOMING

ALASKA

The listing of continuing medical education programs in Alaska is supplied by the Alaska State Medical Association. To list programs, please send information to Alaska State Medical Association, 4107 Laurel St, Anchorage 99508; or phone (907) 562-2662.

April 24-27—**Alaska State Medical Association Annual Meeting**. Juneau. Wed-Sat. Contact: Alaska State Medical Association, 4107 Laurel St, Anchorage 99508. (907) 562-2662.

ARIZONA

The following list of continuing medical education programs in Arizona is compiled by the Arizona Medical Association. All courses listed have been certified as meeting the criteria for Category I of the ArMA CME Certificate and the AMA Physicians Recognition Award. To list Category I continuing medical education programs, please send information to Arizona Medical Association, 810 West Bethany Home Road, Phoenix, AZ 85013; or phone (602) 246-8901.

Brochures and registration forms are available from the contact person or organization sponsoring the program.

March 15-16—**Ophthalmology Spring Symposium**. U of A, Tucson. Mon-Tues. Contact: Anita Russell, (602) 626-7832.

March 16-20—**Fifth Annual Magnetic Resonance Imaging Conference**. Barrow Neurological Institute at Marriott's Camelback Inn, Scottsdale. Sat-Wed. Contact: Kevin King, RT, (602) 285-3956.

March 24-27—**Management Strategies in Complex Congenital Heart Disease**. Mayo Clinic, Rochester, Minn, at Marriott's Camelback Inn, Scottsdale. Sun-Wed. Contact: Bonita Walin, (800) 323-2688.

April 9-12—**Primary Care Update**. U of A, Tucson. Tues-Fri. Contact: Debbie Stymore, (602) 626-7736.

April 25-26—**Clinical Reviews 1991**. Mayo Clinic-Scottsdale at Scottsdale Plaza Resort, Scottsdale. Thurs-Fri. Contact: Mayo Clinic-Scottsdale.

April 27—**Gastroenterology: Update for the Family Practitioner**. Mayo Clinic-Scottsdale at Scottsdale Plaza Resort, Scottsdale. Sat. Contact: Mayo-Clinic Scottsdale.

April 27—**Urology for the Primary Care Physician**. Mayo Clinic-Scottsdale at Scottsdale Plaza Resort, Scottsdale. Sat. Contact: Mayo Clinic-Scottsdale.

CONTACT INFORMATION

ArMA—Contact: Arizona Medical Association, 810 W. Bethany Home Rd, Phoenix, AZ 85013. (602) 246-8901.

Mayo Clinic-Scottsdale—Contact: Jodi Lee Smith, Postgraduate Courses, Mayo Clinic-Scottsdale, (602) 391-8300.

U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 85724. (602) 626-6707.

CALIFORNIA, HAWAII, AND NEVADA

This listing of continuing education programs in California, Hawaii, and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690; or phone (415) 541-0900. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

ANESTHESIOLOGY

March 23-24—**Case Conference in Anesthesia**. California Society of Anesthesiologists at Newport Beach Marriott. Sat-Sun. 9 hrs. \$150. Contact: CSA, 1065, 1065 E Hillsdale Blvd, Ste 410, Foster City 94404. (800) 345-3691.

May 16-19—**California Society of Anesthesiologists Annual Meeting**. CSA at Marriott Hotel, Anaheim. Thurs-Sun. 20 hrs. \$175. Contact: CSA, 1065, 1065 E Hillsdale Blvd, Ste 410, Foster City 94404. (800) 345-3691.

September 7-8—**Case Conference in Anesthesia**. California Society of Anesthesiologists at Horizon Hotel, Lake Tahoe, Nevada. Sat-Sun. 9 hrs. Contact: California Society of Anesthesiologists, 1065 E Hillsdale Blvd, Ste 410, Foster City. (800) 345-3691.

CARDIOLOGY

March 22-23—**Coronary Heart Disease Update**. Medical Education Resources at Hyatt Regency Alicante, Anaheim. Fri-Sat. Contact: Medical Education Resources, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690. (415) 541-0900.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Herbert M. Thomas, MD, MPH, Director of CME, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th St, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University
Contact: James J. Couperus, MD, Associate Dean for Educational Affairs, Loma Linda University School of Medicine, Loma Linda 92350.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Medical School Office Building, Suite X-365, Stanford 94305-6114. (415) 723-5594.
- UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Blvd, Sacramento 95817. (916) 734-5390.
- UCI: University of California, Irvine
Contact: Melvin I. Marks, MD, Director, Memorial/UCI Center for Health Education, Long Beach Memorial Medical Center, 2801 Atlantic Ave, PO Box 1428, Long Beach, California 90801-1428. (213) 595-3811.
- UCLA: University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7186.
- UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 534-3940.
- UCSF: University of California, San Francisco
Contact: Janet Johnson, Administrative Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 476-4251.
- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 1975 Zonal Ave, KAM314, Los Angeles 90033. (213) 224-7051.

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CONTINUING MEDICAL EDUCATION

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- April 2-4—**1st Annual Symposium of Coronary Stenting: A Live Demonstration Course.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Tues-Thurs. 18 hrs. \$750. Contact: Susan Buntjer, 400S, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.
- April 19-20—**Cardiac Diagnostic Methods and Risk Management.** Medical Education Resources at San Diego Hilton. Fri-Sat. Contact: Medical Education Resources, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.
- April 22-May 1—**Cardiology for the Consultant: A Physician's Retreat.** Scripps Clinic and Research Foundation at Inn Rancho Santa Fe. 1½ wks. Contact: Mary Ann Morris, 860 SW Scherer Rd, Lee's Summit, MO 64063. (816) 524-5780.
- June 21-22—**Coronary Heart Disease Update.** Medical Education Resources at Disneyland Hotel, Anaheim. Fri-Sat. Medical Education Resources, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.
- August 1-3—**Critical Care Cardiology.** UCSF at Sheraton Palace Hotel, San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.
- August 2-4—**Arrhythmias: Interpretation, Diagnosis and Management.** Medical Education Resources at Sheraton Hotel, Monterey. Fri-Sun. Contact: Medical Education Resources, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.
- August 16-18—**Cardiac Diagnostic Methods and Risk Management.** Medical Education Resources at Disneyland Hotel, Anaheim. Fri-Sun. Contact: Medical Education Resources, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

DERMATOLOGY

- May 18-19—**Advanced Dermatologic Surgery Workshop.** UCLA at the Westwood Marquis Hotel, Westwood. Sat-Sun. 15 hrs. \$800. Contact: UCLA.
- July 19-21—**Contact Dermatitis: The Basics.** Stanford at Hotel Meridien, San Francisco. Fri-Sun. Contact: Pamela Bain, Dept of Dermatology, Room R-122, Stanford 94305. (415) 723-7854.
- August 16-20—**Fifth Annual Hot Spots in Dermatology: Masters Under the Mango Trees.** The Hawaii Dermatology Society and the Kauai Foundation at the Kaluakoi Hotel, Kupuhi Beach, Molokai, Hawaii. Fri-Tues. Contact: David Elperin, MD, Box 457, Kalaheo, HI 96741. (808) 245-1505.

EMERGENCY MEDICINE

- March 18-22—**Symposium II: Trauma and Surgery.** UCSD at La Jolla Marriott. Mon-Fri. 32 hrs. \$485. Contact: UCSD.
- April 3-6—**Advances in Emergency Medicine.** UCSF at Sheraton Palace Hotel, San Francisco. Wed-Sat. 22 hrs. \$435. Contact: UCSF.
- April 5-6—**Advantages in Emergency Medicine: Toxicology and Infectious Disease.** UCLA at Hotel del Coronado, Coronado. Fri-Sat. 16 hrs. \$95. Contact: UCLA.
- April 13—**Critical Care Medicine.** Grossmont Hospital at San Diego Convention Center. Sat. 6 hrs. Contact: Verda Belyeu, Grossmont Hospital, Box 158, La Mesa 92044-0158. (619) 589-4153.
- May 6-10—**Postgraduate Institute for Primary Care and Emergency Physicians Symposium I: Cardiology, Pulmonary, Neurology.** UCSD at San Diego Hilton Beach & Tennis Resort. Mon-Fri. 32 hrs. \$485. Contact: UCSD.
- June 8-9—**Clinical Toxicology and Emergency Medicine.** UCSF at Cathedral Hill Hotel, San Francisco. Sat-Sun. 16 hrs. \$310. Contact: UCSF.
- June 24-28—**Postgraduate Institute for Primary Care & Emergency Physicians Emergency Medicine Symposium III: Pediatrics, OB/GYN, Dermatology, Legal Aspects, Etc.** UCSD at San Diego Hilton. Mon-Fri. 32 hrs. \$260-\$485. Contact: UCSD.
- August 7-11—**Wilderness Medicine: '91.** American College of Emergency Physicians at Squaw Valley, Lake Tahoe. Wed-Sun. 22 hrs. Contact: Program Director, Box 321, Yreka 96097. (800) 888-5632.
- August 19-23—**Symposium II: Trauma and Surgery.** UCSD at La Jolla Marriott, La Jolla. Mon-Fri. 32 hrs. \$485. Contact: UCSD.
- August 23-26—**Advances in Emergency Medicine.** Kaiser Permanente at Grand Hyatt Wailea Resort and Spa, Maui, Hawaii. Fri-Mon. Contact: Pat Salber, MD, Kaiser Permanente Hospital, 2200 O'Farrell, San Francisco 94115-3395.

FAMILY PRACTICE/PRIMARY CARE

- March 15-17—**Psychopharmacology for the Primary Care Physician.** UCSD at Catamaran Resort Hotel, San Diego. Fri-Sun. Contact: Cass Jones, 7916 Convoct, San Diego 92111. (619) 565-9921.

- March 16—**Orthopedics and Sports Medicine in Primary Care.** Scripps Clinic and Research Foundation at Amphitheater of the Green Hospital, La Jolla. Sat. 6 hrs. \$125. Contact: Laurie Jones, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-9592.
- March 22-23—**Management of Occupational Health Problems in Primary Care Settings.** UC Berkeley at Le Baron Hotel, San Jose. Fri-Sat. \$225. Contact: Marion Gillen, (415) 642-5507.
- March 27-29—**Annual Review in Family Medicine: Controversies and Challenges in Primary Care.** UCSF at Cathedral Hill Hotel, San Francisco. Wed-Fri. 16 hrs. Contact: UCSF.
- April 6-13—**Primary Care Medicine: Update '91.** UCSF at Waiohai Kauai, Hawaii. 1 week. 20 hrs. \$525. Contact: UCSF.
- April 26-28—**Office Orthopedics for the Primary Care Physician.** Sharp Memorial Hospital at San Diego Princess at Vacation Village, San Diego. Fri-Sun. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.
- June 10-14—**UCI Family Practice Refresher Course.** UCI at Westin South Coast Plaza, Costa Mesa. Mon-Fri. Contact: UCI.
- July 8-11—**Family Practice Board Review Course.** UCSF at Cathedral Hill Hotel, San Francisco. Mon-Thurs. 25 hrs. \$400. Contact: UCSF.
- August 23-25—**Cardiology for the Family Physician and Internist.** Continuing Medical Education Associates at Hotel del Coronado, San Diego. Fri-Sun. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

INTERNAL MEDICINE

- March 15-21—**Internal Medicine 1991: A Comprehensive Review.** Sharp Memorial Hospital at Hotel del Coronado, San Diego. Fri-Thurs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.
- March 23—**Diabetes Care Program, "New Pathways for the '90s."** Grossmont Hospital at San Diego Princess Hotel. Sat. 6 hrs. \$100. Contact: Terri Francis, (619) 589-4810.
- April 20—**Growth Factors in Clinical Medicine.** Scripps Clinic and Research Foundation at La Jolla. Sat. 4 hrs. \$75. Contact: Laurie Jones, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-9592.
- May 13-17—**Advances in Internal Medicine.** UCSF at Sheraton Palace Hotel, San Francisco. Mon-Fri. 32 hrs. \$585. Contact: UCSF.
- May 25-27—**1991 CSIM Annual Meeting: Controversies, Challenges, Changes, and Calamari.** CSIM at Monterey Plaza Hotel. Sat-Mon. Contact: Cynthia Eaton, CSIM, Box 880606, San Francisco 94188-0606. (415) 882-5198.
- August 26-28—**Dermatology for the Non-Dermatologist.** Continuing Medical Education Associates at Hotel del Coronado, San Diego. Mon-Wed. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

OB/GYN

- April 10-14—**Pacific Coast Fertility Society Annual Scientific Program.** Pacific Coast Fertility Society at Stouffer Esmeralda Resort, Indian Wells. Wed-Sun. 22 hrs. Contact: Director of Medical Education, 5820 Wilshire Blvd, No 500, Los Angeles 90036. (213) 937-5514.
- August 9-11—**4th Annual Perinatal Review.** Memorial/UCI Center for Health Education at Four Seasons Hotel, Newport Beach. Fri-Sun. Contact: Memorial/UCI Center for Health Education, Box 1428, Long Beach 90801. (213) 595-3811.
- August 16-18—**Office Gynecology for the Primary Care Physician.** San Diego State University at the Hyatt Islandia, San Diego. Fri-Sun. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

- March 13-17—**Mountain Medicine: '91.** American College of Emergency Physicians at Squaw Valley. Wed-Sun. 22 hrs. \$395. Contact: Howard Donner, MD, PO Box 321, Yreka 96097. (800) 888-5632.

OPHTHALMOLOGY

- March 23—**Pearls of Ocular Therapy.** Scripps Clinic and Research Foundation at La Jolla. Sat. 8 hrs. \$120. Contact: Laurie Jones, Box 400S, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-9592.
- May 17-19—**California Association of Ophthalmology Annual Meeting.** CAO at Sheraton Grande Torrey Pines, La Jolla. Fri-Sun. Contact: Linda Xyz, (415) 777-3937.

(Continued on Page 274)

CONTINUING MEDICAL EDUCATION

(Continued from Page 272)

PATHOLOGY

- April 6—**6th Annual Conference: New Treatments in Chronic Liver Disease.** Scripps Clinic and Research Foundation at Amphitheater of Green Hospital, La Jolla. Sat. 7 hrs. \$125. Contact: Laurie Jones, Box 400S, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-9592.
- April 17-19—**12th Annual Advances in Infectious Diseases.** UCSF at Sheraton Palace Hotel, San Francisco. Wed-Fri. 18 hrs. \$395. Contact: UCSF.
- July 15-19—**Advances in Gastroenterology.** UCSD at Hotel del Coronado, Coronado. Mon-Fri. 19-22 hrs. \$425. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.
- August 9-10—**Southwestern Regional Cryostat and Microscopically Controlled Surgical Workshop.** UCSD. Fri-Sat. 15 hrs. Contact: Daniel E. Gormley, MD, 412 W Carroll Dr, Ste 207, Glendora 91740. (818) 963-7684.

PEDIATRICS

- April 5-6—**Annual Ambulatory Pediatrics.** UCD at Radisson Hotel, Sacramento. Fri-Sat. Contact: UCD.
- April 8-10—**Injury Control for Children and Youth: The Fifth Annual California Conference.** North County Services at Red Lion Hotel, Costa Mesa. Mon-Wed. 17.5 hrs. Contact: Cynthia Cargill, North County Health Services, 348 Rancheros Dr, San Marcos 92069. (619) 471-2100.
- April 11-13—**Nevada Neonatal-Pediatric Conference.** Humana Children's Hospital at Sands Hotel and Casino, Las Vegas. Thurs-Sat. 15 hrs. \$200. Contact: Evelyn Bethel, (702) 733-4944.
- April 13-14—**Pediatric Update 1991.** Children's Hospital Oakland at Jack London's Waterfront, Oakland. Sat-Sun. 11 hrs. \$250. Contact: Children's Hospital, 747-52nd St, Oakland 94609. (415) 428-3021.
- April 18-19—**10th Annual Child Abuse.** UCD at Radisson Hotel, Sacramento. Thurs-Fri. Contact: UCD.
- May 16-18—**24th Annual Advances and Controversies in Clinical Pediatrics.** UCSF at Fairmont Hotel, San Francisco. Thurs-Sat. Contact: UCSF.
- June 1—**Special Children: Pediatric Perspectives in the '90s.** Children's Hospital at Merritt Peralta Health Education Center, Oakland. Sat. 7 hrs. \$150. Contact: Kim Leadon, Children's Hospital, 747-52nd St, Oakland 94609. (415) 428-3021.
- June 21-23—**Current Concepts in Child Neurology.** Children's Hospital San Diego at Hyatt Islandia Hotel, San Diego. Fri-Sun. 15 hrs. Contact: Children's Hospital, (619) 576-4072.
- August 19-21—**Pediatrics Update: 1991.** San Diego State University at the Hyatt Islandia, San Diego. Mon-Wed. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

PSYCHIATRY

- April 27-28—**The Cutting Edge: Being a Better Therapist.** UCSD at La Jolla Marriott, San Diego. Sat-Sun. Contact: Cass Jones, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

RADIOLOGY

- March 15-17—**OB/GYN and Abdominal Sonography: Update 1991.** UCSF at Sheraton Palace Hotel, San Francisco. Fri-Sun. 14.5 hrs. Contact: UCSF.
- March 16-18—**Breast Imaging Update.** UCSF at Fairmont Hotel, San Francisco. Sat-Mon. 16 hrs. \$350. Contact: UCSF.
- March 18-22—**34th Annual Diagnostic Radiology Postgraduate Course.** UCSF at the Fairmont Hotel and Tower, San Francisco. Mon-Fri. 33 hrs. Contact: UCSF.
- April 7-12—**Diagnostic Imaging: 1991.** UCSF at Ritz-Carlton Mauna Lani, Kona, Hawaii. Sun-Fri. 23 hrs. \$595. Contact: UCSF.
- April 21-26—**11th Annual San Diego Resident's Radiology Review Course.** UCSD at Hyatt Regency Hotel, La Jolla. Sun-Fri. 39 hrs. \$435. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.
- April 27—**Introduction to Interventional Radiology.** UCSD at Hyatt Regency Hotel, La Jolla. Sat. 8 hrs. \$100. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.
- July 18-21—**Radiology for Non-Radiologists.** UCSD at Hotel del Coronado, Coronado. Thurs-Sun. 19.5 hrs. \$400. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077. (404) 641-9773.

(Continued on Page 276)

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Action: Yohimbine blocks presynaptic alpha-2 adrenergic receptors. Its action on peripheral blood vessels resembles that of reserpine, though it is weaker and of short duration. Yohimbine's peripheral autonomic nervous system effect is to increase parasympathetic (cholinergic) and decrease sympathetic (adrenergic) activity. It is to be noted that in male sexual performance, erection is linked to cholinergic activity and to alpha-2 adrenergic blockade which may theoretically result in increased penile inflow, decreased penile outflow or both.

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Contraindications: Renal diseases, and patient's sensitive to the drug. In view of the limited and inadequate information at hand, no precise tabulation can be offered of additional contraindications.

Warning: Generally, this drug is not proposed for use in females and certainly must not be used during pregnancy. Neither is this drug proposed for use in pediatric, geriatric or cardio-renal patients with gastric or duodenal ulcer history. Nor should it be used in conjunction with mood-modifying drugs such as antidepressants, or in psychiatric patients in general.

Adverse Reactions: Yohimbine readily penetrates the (CNS) and produces a complex pattern of responses in lower doses than required to produce peripheral a-adrenergic blockade. These include, anti-diuresis, a general picture of central excitation including elevation of blood pressure and heart rate, increased motor activity, irritability and tremor. Sweating, nausea and vomiting are common after parenteral administration of the drug.^{1,2} Also dizziness, headache, skin flushing reported when used orally.^{1,3}

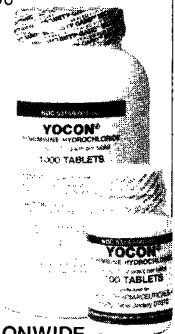
Dosage and Administration: Experimental dosage reported in treatment of erectile impotence.^{1,3,4} 1 tablet (5.4 mg) 3 times a day, to adult males taken orally. Occasional side effects reported with this dosage are nausea, dizziness or nervousness. In the event of side effects dosage to be reduced to 1/2 tablet 3 times a day, followed by gradual increases to 1 tablet 3 times a day. Reported therapy not more than 10 weeks.³

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References:

1. A. Morales et al., New England Journal of Medicine: 1221, November 12, 1981.
2. Goodman, Gilman — The Pharmacological basis of Therapeutics 6th ed., p. 176-188. McMillan December Rev. 1/85.
3. Weekly Urological Clinical letter, 27:2, July 4, 1983.
4. A. Morales et al., The Journal of Urology 128: 45-47, 1982.

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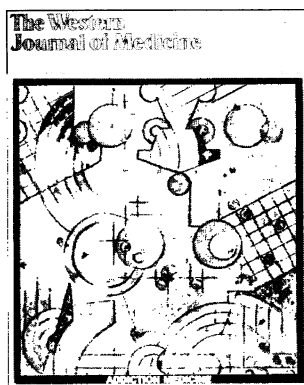


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MAY 1990

Addiction Medicine and the Primary Care Physician

- ▶ OVERVIEW OF ADDICTION MEDICINE David Smith, Editor/Founder, Haight-Ashbury Free Clinic
- ▶ CHEMICAL DEPENDENCE AND THE WORK PLACE John Osterloh and Charles Becker
- ▶ THE DISEASE CONCEPT OF ALCOHOLISM John Wallace
- ▶ COGNITIVE IMPAIRMENTS IN RECOVERING ALCOHOLICS George Fein
- ▶ SUBSTANCE ABUSE AND PULMONARY PATHOLOGY Donald Tashkin
- ▶ SPECIAL POPULATIONS: THE ADOLESCENT Martha Morrison
- ▶ METHADONE MAINTENANCE IN THE TREATMENT OF OPIOID DEPENDENCE Joan Zweben
- ▶ TREATMENT OF NICOTINE DEPENDENCE IN THE CHEMICALLY DEPENDENT PATIENT Karen Sees
- ▶ PHARMACOLOGIC APPROACHES TO THE TREATMENT OF COCAINE DEPENDENCE Wanda A. Taylor and Mark S. Gold

Cross-cultural Medicine



Cross-cultural medicine is devoted to the care of patients of different, cultural, ethnic, or religious backgrounds. Subjects include South-east Asian refugees in the American health care system, psychiatry and Chinese culture, health and illness in Filipino immigrants, and health care of Middle Eastern patients. M. Margaret Clark, PhD, Special Issue Editor, 1983. 3rd printing.

Women and Medicine



This special issue explores both the professional side of women in medicine and the diagnosis and treatment of women patients. Topics covered include liver disease, women and AIDS, heart disease, hysterectomy, PMS, ovarian cancer, and women physicians and organized medicine. Linda Hawes Clever, MD, Special Issue Editor, 1988.

AIDS— A Global Perspective



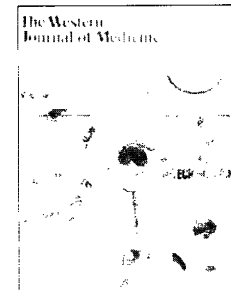
This issue, from the World Health Organization, considers the methods and limitations of AIDS case reporting and HIV serologic studies, summarizes modes of transmission, defines geographic patterns of spread, and examines the epidemiology of HIV infections by continent. Jonathan M. Mann, MD, Special Issue Editor, 1987.

Medical Informatics



Medical Informatics explores the capabilities and potential capabilities of new electronic methods of collecting, processing, storing, analyzing, and using information to advance medical science and improve patient care. Marsden S. Blois, MD, Special Issue Editor, 1986.

High-Tech Medicine



This issue examines high-tech medicine as it pertains to patient care. Subjects include lasers in ophthalmology, cutaneous laser therapy, magnetic resonance imaging, organ transplantation, positron emission tomography, and modern molecular biology. R. Paul Robertson, MD, Special Issue Editor, 1985.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 274)

July 22-24—**Issues in Musculoskeletal Imaging.** Hoag Memorial Hospital at Ritz-Carlton Hotel, Laguna Niguel. Mon-Wed. 14 hrs. \$375. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077. (404) 641-9773.

July 22-27—**5th Annual MRI Symposium Including: Issues in Musculoskeletal Imaging.** Hoag Memorial Hospital at Ritz-Carlton Hotel, Laguna Niguel. Mon-Sat. 31 hrs. \$695. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

July 25-28—**5th Annual Symposium on Magnetic Resonance Imaging.** Hoag Memorial Hospital at Ritz-Carlton Hotel, Laguna Niguel. Thurs-Sun. 18 hrs. \$375. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077. (404) 641-9773.

August 12-16—**Radiology for Clinicians.** UCSD at Hotel del Coronado, San Diego. Mon-Fri. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

September 11-13—**The 7th Annual Sonography Update Conference and Exhibit.** UCSD at Hotel del Coronado, San Diego. Wed-Fri. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

September 14-15—**Sonography Registry Review.** UCSD at Hotel del Coronado, San Diego. Sat-Sun. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

September 23-26—**Applied Ultrasound: Accent on Doppler.** University of Alabama at Birmingham at Ritz-Carlton Resort Hotel, Laguna Niguel. Mon-Thurs. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

September 25-28—**Diagnosis of Musculoskeletal Disorders: State of the Art.** International Skeletal Society at Hotel del Coronado, San Diego. Wed-Sat. Contact: Dawne Ryals, Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

REHABILITATIVE/THERAPEUTIC

May 17-18—**What's New in Rehabilitation?** Memorial/UCI Center for Health Education at Queen Mary, Long Beach. Fri-Sat. Contact: UCI.

SURGERY

March 21-23—**Annual Aesthetic Surgery Symposium: Aesthetic Surgery of the Breast.** UCSF and Davies Medical Center. Thurs-Sat. Contact: UCSF.

April 29-May 1—**11th Annual Scientific Meeting and Exhibition.** American Society for Laser Medicine and Surgery at the Sheraton on Harbor Island, San Diego. Mon-Wed. Contact: ASLMS, 2404 Stewart Square, Wausau, WI 54401. (715) 845-9283

May 2-4—**Advances in Knee Reconstruction Surgery: Ligament Reconstruction, Unicompartamental Replacement, and Patellofemoral Joint.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Thurs-Sat. 26-hrs. \$600. Contact: Susan Buntjer, 400S, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

May 15-19—**13th Annual Wound Management Workshop: May.** UCSD at San Diego Hilton Beach and Tennis Resort. Wed-Sun. 19 hrs. Contact: UCSD.

MULTIPLE TOPICS

March 22-23—**Women's Nutrition and Health: Annual Clinical Nutrition Program.** UCD at Embassy Suites, Napa. Fri-Sat. 13 hrs. Contact: UCD.

April 19-20—**HIV Update.** UCD at Holiday Inn Holidome, Sacramento. Fri-Sat. 12 hrs. Contact: UCD.

April 25-28—**Nevada State Medical Association Annual Meeting.** NSMA at Quail Lodge, Carmel. Thurs-Sun. Contact: Nevada State Medical Association, 3660 Baker Ln, Reno, NV 89502. (702) 825-6788.

February 20-23—**The Practicing Physician's Approach to the Difficult Headache Patient.** Scripps Clinic and Diamond Headache Clinic at Wyndham Hotel, Palm Springs. Wed-Sat. 15 hrs. Contact: Idell Applebaum, 5252 N Western Ave, Chicago, IL 60625. (312) 878-5558.

(Continued on Page 278)

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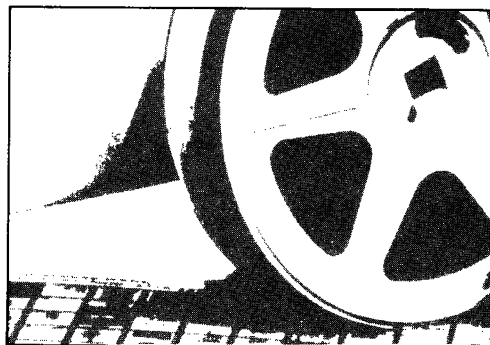
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CONTINUING MEDICAL EDUCATION

(Continued from Page 276)

COLORADO

This listing of continuing medical education programs in Colorado is compiled by the Denver Medical Society. To list CME programs here, please send information at least two months in advance to: Mr Robert L. Kennedy, Denver Medical Society, 1850 Williams Street, Denver, CO 80218; or telephone (303) 377-1850.

Brochures, course information, and registration forms are available from the contact person or organization.

March 16-23—**14th Annual Urology Conference**. Rose Medical Center at Marriott's Mark Resort, Vail. One week. Contact: David R. Scott, 1 (800) 525-5810.

March 16-23—**13th Annual Sports Medicine Conference**. Rose Medical Center, Marriott's Mark Resort, Vail. One week. Contact: David R. Scott, 1 (800) 525-5810.

March 16-23—**Computers in Medicine Conference**. Rose Medical Center at The Antlers at Vail, Vail. One week. Contact: David R. Scott, 1 (800) 525-5810.

March 19—**Mesothelioma**. Lutheran Medical Center Auditorium, Wheat Ridge. Tues. Noon Conference. Contact: Cary L. Walker, (303) 425-2009.

March 23-30—**14th Annual Cancer Treatment Conference**. Rose Medical Center at The Antlers at Vail, Vail. One week. Contact: David R. Scott, 1 (800) 525-5810.

CONTACT INFORMATION

U of Colo—Contact: University of Colorado School of Medicine, Office of Continuing Medical Education, 4200 E 9th Ave, Denver, CO. (303) 270-5195.

March 26—**Newer Treatments of Osteoporosis**. Lutheran Medical Center, Wheat Ridge. Tues. Noon Conference. Contact: Cary L. Walker, (303) 425-2009.

April 14-16—**Conference on Alcohol and Other Drug Issues**. Alcohol and Drug Abuse Division (ADAD), Colorado Department of Health at University Park Holiday Inn, Fort Collins. Sun-Tues. Contact: Sylvia J. Kornelsen, (303) 756-8380.

September 27-28—**Montrose Fall Clinics for Physicians**. Montrose Memorial Hospital, Montrose. Fri-Sat. Contact: Kathy Holman, (303) 240-7397.

First Wednesday of Each Month—**Various Topics in Neurology**. Sponsored by the Colorado Society of Clinical Neurologists. Contact: Colorado Society of Neurologists, (303) 449-3566.

IDAHO

March 21-22—**Idaho Thoracic Society—Annual Medical Symposium**. Anderson Center, Boise. Thurs-Fri. Contact: Idaho Thoracic Society, PO Box 33, Boise 83707. (208) 344-6567.

April 25-28—**Comprehensive Review in Toxicology**. Idaho Poison Center, Boise. Thurs-Sun. 20 hrs. Contact: Dennis Emerson or Robin Clark, Idaho Poison Center, 1055 N Curtis Rd, Boise 83706. (208) 378-2159.

May 13-15—**Idaho Academy of Family Physicians—43rd Annual Meeting**. The Coeur d'Alene, Coeur d'Alene. Mon-Wed. Contact: Mrs Irma Sparks, Exec Dir, IAFP, PO Box 175, Boise 83701.

July 25-27—**Idaho Medical Association—Annual Meeting**. Sun Valley. Thurs-Sat. Contact: IMA, 305 W Jefferson, PO Box 2668, Boise 83701. (208) 344-7888.

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CONTINUING MEDICAL EDUCATION

*(Continued from Page 278)***NEW MEXICO**

Information, requests for accreditation, and items to be listed should be sent to the chair of the CME Committee, New Mexico Medical Society, 7770 Jefferson, Suite 400, Albuquerque, NM 87109, at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 828-0237.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

March 16—AIDS Update. University of New Mexico School of Nursing and Pharmacy Auditorium, Albuquerque. Sat. Contact: Marsha VerPloegh, Psychiatric Medical Association, PO Box 26666, Albuquerque 87125. (505) 291-5375.

April 5-6—Genetics for the Obstetrician. Hyatt Regency, Albuquerque. Fri-Sat. Contact: Mary R. Boning, Presbyterian Healthcare Services, PO Box 26666, Albuquerque 87125. (505) 841-1225.

April 5-6—13th Annual Pediatric Cardiopulmonary Update. Hyatt Regency, Albuquerque. Fri-Sat. Contact: University of New Mexico School of Medicine, Office of CME, PO Box 713, Albuquerque 87131. (505) 277-3942.

May 9-10—New Mexico Medical Society Annual Meeting. Albuquerque. Thurs-Fri. Contact: Glenn Taylor, NMMS, 7770 Jefferson NE, Ste 400, Albuquerque 87109. (505) 828-0237 or 1 (800) 748-1596.

August 5-9—Body Imaging: Ultrasound, CT, MR, Nuclear Medicine. El Dorado Hotel, Santa Fe. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077. (404) 641-9773.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, UT 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

MEDICAL GRAND ROUNDS

Each Wed—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept of Internal Medicine, Univ of Utah, (801) 581-7606.

* * *

March 16—Hans Hecht Memorial Lecture (Sponsor: UUMC). Sat. University of Utah, Salt Lake City. Contact: (801) 581-8664.

March 22-24—Laser Surgery—Laparoscopic Cholecystectomy (Sponsor: UUMC). Fri-Sun. The Laser Institute, University of Utah, Salt Lake City. Contact: J. Freedman, (801) 581-7001.

March 28—Infofair (Sponsor: UUMC). Thurs. Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City. Contact: (801) 581-5762.

(Continued on Page 282)

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¹ FDA survey, "Patient Receipt of Rx Drug Information", 1983

² A Study of Attitudes, Concerns, and Information Needs for Rx Drugs and Related Illnesses, CBS Television Network Consumer Model Survey, 1983



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CONTINUING MEDICAL EDUCATION

(Continued from Page 280)

- April 4—**Respiratory Tract Infections** (Sponsor: UUMC). Thurs. Deer Valley. Contact: (801) 581-8664.
- April 5-6—**Hypertension** (Sponsor: UUMC). Fri-Sat. University Park Hotel, Salt Lake City. Contact: (801) 581-8664.
- April 13—**Sports Medicine Update** (Sponsor: UUMC). Sat. University Park Hotel, Salt Lake City. Contact: (801) 581-8664.
- May 3-4—**Surgical Infections** (Sponsor: UUMC). Fri-Sat. University Park Hotel, Salt Lake City. Contact: (801) 581-8664.
- May 10—**Ophthalmology, Annual Resident's Day, Clinical Conference** (Sponsor: UUMC). Fri. University of Utah, Salt Lake City. Contact: (801) 581-8664.
- May 10-11—**Laser Surgery—Laparoscopic Cholecystectomy** (Sponsor: UUMC). Fri-Sat. The Laser Institute, University of Utah, Salt Lake City. Contact: (801) 581-7001.
- May 17—**Infectious Disease Update** (Sponsor: UUMC). Fri. Skaggs Hall Auditorium, University of Utah, Salt Lake City. Contact: (801) 581-8664.
- May 30-31—**Communications Disorders** (Sponsor: UUMC). Thurs-Fri. Snowbird. Contact: (801) 581-8664.
- June 9-11—**Interactive Video in Health Education—'Slice of Life'** (Sponsor: UUMC). Sun-Tues. University of Utah, Salt Lake City. Contact: (801) 581-8664.
- June 17-21—**University of Utah School on Alcoholism and Other Drug Dependencies** (Sponsor: UUMC). Mon-Fri. University of Utah, Salt Lake City. Contact: (801) 581-8664.
- July 8-13—**Update in Internal Medicine: Focus on Ambulatory Care Medicine** (Sponsor: UUMC). Sat-Thurs. Snowbird. Contact: (801) 581-8664.
- July 12-14—**Laser Surgery—Laparoscopic Cholecystectomy** (Sponsor: UUMC). Fri-Sun. The Laser Institute, University of Utah, Salt Lake City. Contact: (801) 581-7001.
- September 27-29—**Laser Surgery—Laparoscopic Cholecystectomy** (Sponsor: UUMC). Fri-Sun. The Laser Institute, University of Utah, Salt Lake City. Contact: (801) 581-7001.
- November 15-16—**Laser Surgery—Laparoscopic Cholecystectomy** (Sponsor: UUMC). Fri-Sat. The Laser Institute, University of Utah, Salt Lake City. Contact: (801) 581-7001.

SPONSORS OF COURSES—ABBREVIATIONS

- AHA: American Heart Association, Utah Affiliate, 645 E 400 South, Salt Lake City 84102. (801) 322-5601.
- BYUHS: Brigham Young University Health Services, McDonald Student Health Center, Brigham Young University, Provo 84602. (801) 378-2771.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 S 300 East, Salt Lake City 84101. (801) 262-3461.
- DMC: Dixie Medical Center, 544 S 400 East, St George 84770. (801) 673-9681.
- HCH: Holy Cross Hospital, 1045 E First South, Salt Lake City 84102. (801) 350-4744.
- ITS: Intermountain Thoracic Society, 1616 S 11th East, Salt Lake City 84105. (801) 484-4456.
- LDSH: LDS Hospital, 8th Ave and "C" St, Salt Lake City 84143. (801) 321-1100.
- LRH: Logan Regional Hospital, 1400 N 5th East, Logan 84321. (801) 752-2050.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd, Ogden 84409. (801) 399-4141.
- MVH: Mountain View Hospital, 1000 E Highway 6, Payson 84651. (801) 465-9201.
- 144: 144th Evacuation Hospital, PO Box 8000, Salt Lake City 84108. (801) 524-3924.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave, Salt Lake City 84103. (801) 363-1221.
- PVH: Pioneer Valley Hospital, 3460 S 4155 West, West Valley City 84120. (801) 968-9061.
- SMH: St Mark's Hospital, 1200 E 3900 South, Salt Lake City 84117. (801) 268-7111.
- UMA: Utah Medical Association, 540 E 500 South, Salt Lake City 84102. (801) 355-7477.
- UOS: Utah Ophthalmological Society, 540 E 500 South, Salt Lake City 84102. (801) 355-7477.
- USH: Utah State Hospital, PO Box 270, Provo 84603-0270. (801) 373-4400.
- UUMC: University of Utah Medical Center, 50 N Medical Dr, Salt Lake City 84132. (801) 581-2258.
- UVRMC: Utah Valley Regional Medical Center, 1034 N Fifth West, Provo 84604. (801) 373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Dr, Salt Lake City 84148. (801) 582-1565.
- VVMC: Valley View Medical Center, 595 S 75 East, Cedar City 84720. (801) 586-6587.

WASHINGTON

The listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here, please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 441-WSMA.

Brochures and registration forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

- March 15—**Inflammatory Bowel Disease**. Seattle. Fri. Contact: VMMC.
- March 22-23—**Ophthalmology (WSAO)—Annual President's Meeting**. Seattle. Fri-Sat. Contact: (206) 441-9762.
- April 1-6—**General Practice Review**. Scottsdale, Arizona. Mon-Sat. Contact: Pacific Northwest Educational Institute, (206) 258-6322.
- April 3-4—**Cumulative Trauma Disorders of Upper Extremities**. Seattle. Sun-Mon. Contact: Northwest Center for Occupational Health and Safety, (206) 543-1069.
- April 4-5—**Aging and the Elderly**. Seattle. Mon-Tues. Contact: U/W.
- April 11-12—**HIV/AIDS—Learning to Communicate Effectively to Reduce Patient Risk: An Experiential Workshop for Primary Care Providers**. Seattle. Thurs-Fri. Contact: U/W AIDS Education and Training Center, (206) 720-4250.
- April 12-13—**Surgical Club**. Tacoma. Fri-Sat. Contact: PCMS CME.
- April 12-13—**Low-Back Pain**. Seattle. Fri-Sat. Contact: VMMC.
- April 13-14—**Benton-Franklin County Medical Society Annual Meeting**. Tri-Cities. Sat-Sun. Contact: (509) 783-8616.
- April 15-18—**The Best Approach 1991: Effective, Efficient Strategies in Cardiology, Orthopedics, Gastroenterology, and Pediatrics**. Kauai Sheraton, Hawaii. Fri-Mon. Contact: Group Health, (206) 326-3441.
- April 15-26—**PM & R Review**. Seattle. Fri-Tues. Contact: U/W.
- April 26-27—**Medical Issues of Active and Athletic Women**. Seattle. Fri-Sat. Contact: VMMC.
- April 30-May 1—**AIDS Symposium: Pathogenesis of HIV Infection**. Spokane. Tues-Wed. Contact: WSU, (509) 335-2349.
- May 1-3—**ACP: Clinical Topics in Pulmonary Medicine**. Seattle. Fri-Sat. Contact: VMMC.
- May 9—**OB/GYN**. Everett. Thurs. Contact: (206) 258-6322.
- May 10—**Office Procedures**. Tacoma. Fri. Contact: PCMS.
- May 11—**Corneal Update**. Seattle. Sat. Contact: VMMC.
- May 31—**Office Gynecology—1991**. Tacoma. Fri. Contact: PCMS.
- June 1—**Substance Abuse**. Seattle. Sat. Contact: U/W.
- June 7-8—**Topics in General Medicine**. Seattle. Fri-Sat. Contact: VMMC.
- June 15—**Horizons in Urology**. Seattle. Sat. Contact: U/W.
- June 24-25—**Advanced Cardiac Life Support**. Tacoma. Mon-Tues. Contact: VMMC, (206) 627-7137.
- July 26-28—**Seafair XII: Regional Anesthesia**. Seattle. Fri-Sun. Contact: VMMC.
- August 9-11—**International Conference on Pancreatic Cancer**. Seattle. Fri-Sun. Contact: VMMC.
- September 12-13—**Resolving the Ethical Dilemmas in Animal Protocol Review**. Seattle. Thur-Fri. Contact: U/W.
- September 26—**Cardiology Update**. Everett. Thurs. Contact: Pacific Northwest Medical Education Institute, (206) 258-6322.
- December 6-7—**Urology**. Seattle. Fri-Sat. Contact: (206) 441-9762.

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

PCMS CME—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

WSMA—Washington State Medical Association, Continuing Medical Education, 2033 Sixth Ave, Suite 900, Seattle, WA 98121. (206) 441-9762.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

WYOMING

- June 13-15—**Wyoming Medical Society—Annual Meeting**. Jackson Lake Lodge, Moran. Thurs-Sat. Contact: WMS, PO Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. ♦

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Manuscripts, except for Case Reports, Epitomes, and Lessons From the Practice, should include an abstract of no more than 200 words summarizing the article. Abstracts should include a description of the purpose, design, patients, results, and conclusions.

Letters to the Editor will be published at the discretion of the Editors and may be edited for style and brevity. Those of a scientific nature may be subject to peer review. They should be double-spaced and no more than 500 words in length. Authors will be sent galley proofs before publication.

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Abbreviations of journal titles should conform to those used in *Index Medicus*. List up to six authors; for seven or more, use et al after listing the first three.

1. Jones JS, Anderson HW Jr, Johnson DW: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978; 292:444-456

2. Berman SM, Shah B, Wyle FA, Dacosta-Iyer M, McRae DM: Disseminated *Pneumocystis carinii* in a patient receiving aerosolized pentamidine prophylaxis. *West J Med* 1990; 153:82-86

Books

3. Berne EJ: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, NY, Oxford University Press, 1966, pp 35-51 (author of book is same as author of chapter)

4. Munsung JD: The role of drugs, chap 2, *In* Brest AN, Mayer JD (Eds): *Hypertension—Vol 3, Therapy*, 2nd Ed. Chicago, Ill, Year Book Medical Publishers, 1961, pp 456-479 (authors of book differ from chapter author)

Correspondence

5. Shusterman D: Espresso maker's wrist (Correspondence). *West J Med* 1990; 152:721-722

Government Publications

6. The Health Consequences of Smoking—Cardiovascular Disease: A Report of the Surgeon General. Washington, DC, US Dept of Health and Human Services publication No. (PHS) 84-50204, 1983

7. Centers for Disease Control: Update: Acquired immunodeficiency syndrome—United States. *MMWR* 1987; 36:522-526

Proceedings

8. O'Connell M: A Controlled Trial of Regional Intra-arterial FUDR Versus Systemic 5FU for the Treatment of Metastatic Colorectal Cancer Confined to the Liver. Presented at the annual meeting of the American Society of Clinical Oncology, San Francisco, December 1989

Mass Circulation Publications (Do not include in reference list; put in text)
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Arizona Medical Association, Inc—810 W Bethany Home Rd, Phoenix 85013. (602) 246-8901. Annual Meeting: June 6-8, 1991, Loews Ventana Canyon Resort, Tucson.

California Medical Association—PO Box 7690, San Francisco 94120-7690. (415) 541-0900. Annual Meeting: March 8-13, 1991, Bally's Grand Hotel, Reno.

Colorado Medical Society—PO Box 17550, Denver 80217-0550. (303) 779-5455. Annual Meeting: September 20-22, 1991, Snowmass.

Hawaii Medical Association—1360 S Beretania, Honolulu 96814. (808) 536-7702. Annual Meeting: October 11-13, 1991, Westin Kauai.

Idaho Medical Association—305 W Jefferson, PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 25-27, 1991, Sun Valley.

Montana Medical Association—2012 11th Ave, Suite 12, Helena 59601. (406) 443-4000. Annual Meeting: October 3-4, 1991, Kalispell.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: April 25-28, 1991, Quail Lodge, Carmel, California.

New Mexico Medical Society—7770 Jefferson, Suite 400, Albuquerque 87109. (505) 828-0237. Annual Meeting: May 9-10, 1991, The Marshall Building, Albuquerque.

Oregon Medical Association—5210 SW Corbett Ave, Portland 97201. (503) 226-1555. Annual Meeting (House of Delegates only): April 26-28, 1991, Salisham.

Utah Medical Association—540 E Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: September 11-13, 1991, University Park Hotel, Salt Lake City.

Washington State Medical Association—900 United Airlines Bldg, 2033 6th Ave, Seattle 98121. (206) 441-WSMA. Annual Meeting: September 19-22, 1991, Red Lion, Bellevue.

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